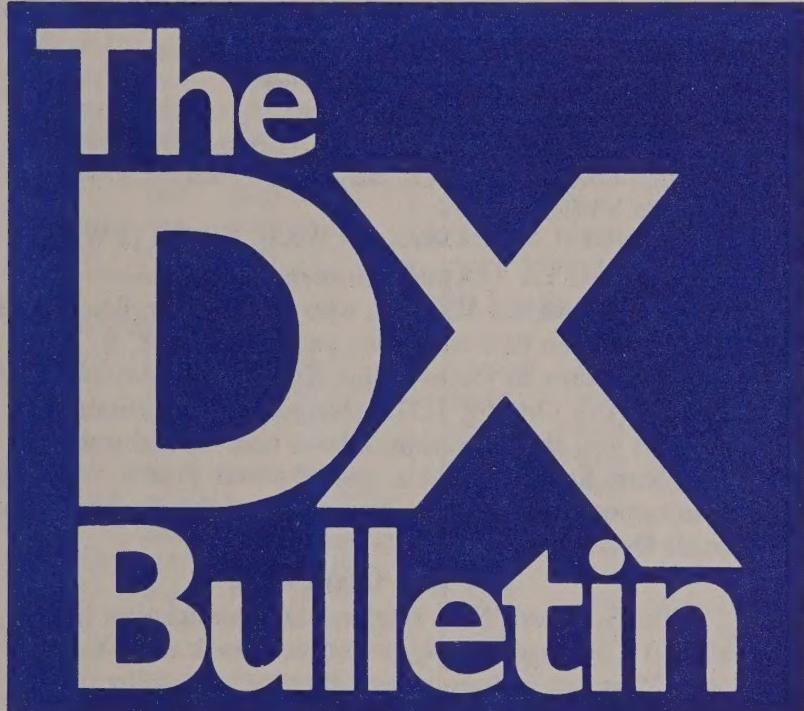


DXpedition News

Belize - V3 Isao Numaguchi JH1ROJ will operate as V31RO Nov. 20-25, with a possible extension to Nov. 27. He'll be on 75-10 meters, including 17 and 12 meters, on SSB, CW, and RTTY. On SSB, try 14140-145 or 21170-195 for non-US stations, and the usual DX frequencies (3795, 14195, 21295, and 28495 kHz). For CW, try the lower band edges. RTTY at 85 kHz up, listening above 100. QSL to Isao at 4-9-32 Nak-Aoki, Kawaguchi-shi, Saitama 332, Japan.

Maldives - 8Q Dave Patton WX3N and Mark Obermann AG9A will operate from the Maldives Nov. 30-Dec. 7. They'll concentrate on CW: 3501, 7001, and 26 kHz up from the bottom of the other bands. They'll try 160 meters, and the new bands as well. They've asked for special calls such as 8Q8KW, 8Q7KW, 8Q9A, 8Q7XX. QSL via AA0CR.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Hong Kong - VR2 Dave Patton WX3N is very active VR2/, until Nov. 30. QSL AA0CR. Dave joins a large multi-multi effort in CQWW CW as VS6WO; QSL to K9EC, who has a new address: 9N 317 Corron Road, Elgin IL 60123.

Gambia - C5 Several French operators will operate C56/ Nov. 15-29, on all bands and modes. QSL home calls. (Thanks QRZ DX.)

Midway Island - KH4 Bob Winters KD7P and others will operate /KH4 the last week in November. All bands and modes. QSL to Bob at P. O. Box 8265 MOU3, Dededo Guam 96912-8265.

November 13, 1992

Issue 663

Reserve Your Island CQWW CW, Part 2

- **S79S** is the multi-single call of Paul Young K1XM, Charlotte Richardson KQ1F, and S79KMB. Look for the operators beginning about Nov. 24. QSL to KQ1F.
- **KC6VV** and **KC6SS** are John NJ1V and Jim WV5S from Belau Nov. 25-Dec. 1. 80-10 meters. Equipment is being provided by Yaesu and Oklahoma Comm Center. QSL to OKDXA, Box 88, Wellston OK 74881.
- **EA6/N6RA** is N6RA is a full-bore single-op, all-band entry from the Baleric Islands. He'll be there Nov. 24-Dec. 2; QSL home call.
- **ZC4Z** will be a multi-single entry in the test, with operation by several US and European contestants Nov. 25-Dec. 1. Outside the test, they'll concentrate on RTTY and the new bands. QSL ZC4Z via Michael Bill AA7NO, P. O. Box 853, Glendale AZ 85311, SASE requested. QSL individual ZC4 calls as follows: ZC4BG via N7BG; ZC4GE via K7GE; ZC4MF via KC7V; ZC4VT via K5VT; ZC4POC via GM3YTS, and ZC4SXW via G3SXW.
- **HB0/HB9AON** will be a multi-op entry in the test, with HB9AON/DJ2YE, DF1JC, DL1EIJ, DL6EAQ, and DL8EAQ operating. They'll be there Nov. 23-29, and will sign their own calls **HB0/** outside the test, on all bands, CW, SSB, and RTTY. QSL home calls. (DXNL.)
- **PY0F** Fernando de Norohna is the site of Pete Grillo AH3C's CQWW CW single-op, all-band contest DXpedition. He'll be there a couple of days before the test. Callsign not yet known. QSL to AH3C.

Shortly Noted

- **F6FYA** will be active from Macao XX9 and Hong Kong VR2 Nov. 20-28. (LNDX)
- **ZL7AMO**: Ron Wright ZL1AMO says his Chatham Island operation is tentatively set for Nov. 10-24.
- **VK9NY** is Yoshi JH5OWN, on Norfolk Island this month. QSL home call, JARL bureau okay.
- **FS/N3NCW** will operate from Terres Basses on St. Martin Nov. 16-26, on 40, 20, 15, and 10 meters, CW and SSB. Joe Manduke says he'll be available in DX nets as well. QSL home address: 6600 Isle of Skye Drive, Highland MI 20777; US\$1 requested.
- **VK9LD** is the Lord Howe Island callsign of Bill Horner VK4CRR, Nov. 18-25. Try 4 kHz up on CW, and the usual DX frequencies on SSB. QSL 1992 *Callbook* address: 26 Iron Street, Gympie, Queensland 4570, Australia. IRCs or US\$1 to help with costs requested.
- **SSB Nets**: check-ins: **14227**: (11,22Z) 9M8DB Z21JE WA4CPN/D2; **14236**: (03Z) XQ0X HF0POL VP8CFM VP8CKC 5Z4FM; **14256**: (2330Z) VP8CFM TR8JH ZP5YW; **21335**: (14Z) J28GG LX1WH ZB2AZ.
- **RTTY**: **HS0AC** has recently received permission to operate digital modes; try 14-1600Z Wednesdays and Saturdays. **LY2ZZ** is a regular on $21086 \pm$ kHz at 1230Z. Spots: **5N3ZIP** 14077 FEC 0625Z; **TL8NG** 21082 1750Z; **XT2BW** 21086 1940Z; **TU5AF** 21082 1555Z.

Propagation

Forecast and Historical Data

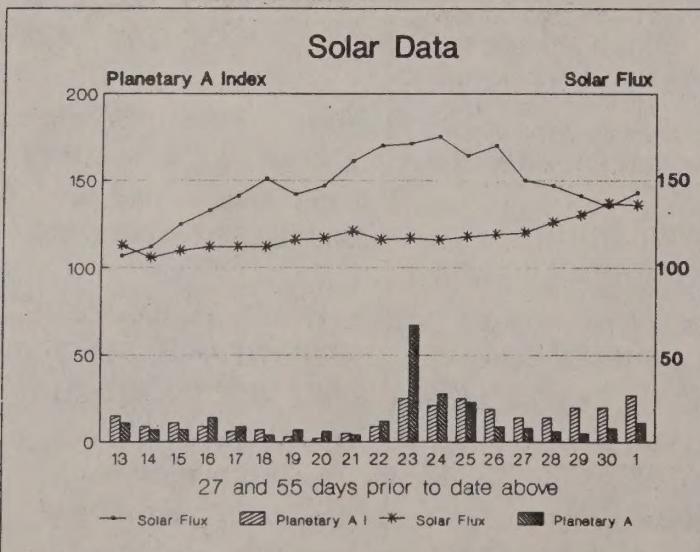
Day	Forecast	27 Days Before			55 Days Before				
		Date	Flux A	K	Date	Flux A	K		
November 1992									
13	Low Normal	10/17	107	12/15	2	09/19	113	09/11	2
14	High Normal	10/18	112	10/09	3	09/20	106	09/07	2
15	High Normal	10/19	125	08/11	2	09/21	110	05/07	1
16	High Normal	10/20	133	07/09	1	09/22	112	11/14	2
17	Above Normal	10/21	141	05/06	2	09/23	112	11/09	2
18	Above Normal	10/22	151	04/07	1	09/24	112	02/04	1
19	Above Normal	10/23	142	03/03	0	09/25	116	07/07	3
20	Above Normal	10/24	147	01/02	0	09/26	117	06/06	1
21	Above Normal	10/25	161	05/05	1	09/27	121	03/04	1
22	Above Normal	10/26	170	11/09	3	09/28	116	09/12	2
23	Low Normal	10/27	171	21/25	3	09/29	117	54/67	3
24	High Normal	10/28	175	20/21	2	09/30	116	27/28	4
25	Low Normal	10/29	164	26/25	3	10/01	118	21/23	3
26	High Normal	10/30	170	14/19	2	10/02	119	11/09	2
27	High Normal	10/31	150	10/14	2	10/03	120	05/08	2
28	High Normal	11/01	147	14/14	2	10/04	126	06/06	1
29	Low Normal	11/02	141	21/20	2	10/05	130	03/05	1

Propagation Watch

Band conditions remain good, for the most part. Moderate solar flux levels have pushed the maximum useable frequency (MUF) above 28 MHz most days, providing at least some 10- and 12-meter DX. Although the ionosphere has been moderately active, no major disturbances have interfered with DXing.

The propagation forecast is for more of the same. Look for solar flux to hover in the 100-150 range, tending to peak around the 25th. Sunspot Region 7321 returns to the visible side of the sun this week, and may generate some band-disrupting flares. Keep an ear on WWV/WWVH for the latest news.

When the ionosphere is quiet, The DXer's day begins a hour before local dawn, on 80 and 40 meters. As dawn approaches, watch 30 and 20 meters for long-path signals from the west. The higher bands open up as the day progresses. Even 10 meters is open to some part of the world (usually to the south) every day. 20 meters is very good in the early evening. And when the K index is 2 or less, check out the low bands late at night. At times, the low bands have been very good. Good hunting!



Finland Independence Contest - December 6

To celebrate the 75th anniversary of the independence of the Republic of Finland, the Finnish Amateur Radio League (SRAL) is sponsoring a one-day contest, on Sunday, Dec. 6, Finnish Independence Day. The goal of the contest is for non-Finns to work as many Finnish (OH/OG) stations as possible.

The contest runs the full 24 hours UTC Dec. 6, on 80, 40, 20, 15, and 10 meters, CW and SSB. Categories are single-op, all-band; single-op, single-band; multi-single; QRP (5 watts max.); and SWL. Try 3525, 7025, 14025, 21025, and 28025 kHz on CW, and 3775, 7075, 14225, 21325, and 28525 kHz on SSB. Exchange RS(T) and serial number beginning with 001. OH/OG stations will send RS(T) and a three-digit OHC (county) number. One point per valid QSO. The same station may be worked on CW and SSB on the same band for separate QSO points, but contacts must be made in the appropriate subband. Multipliers are OHC numbers (not per band), and special-event stations signing OG1FIN, OG2FIN, etc. Each FIN station is worth 5 extra multipliers per band. Score is QSO points times multipliers. Logs by Dec. 31 to SRAL, Attn: Jukka Kovanen OH3GZ, P. O. Box 44, SF-00441, Helsinki, Finland.

QSLs Received

Manager: D2CW (DK7PE), 5W1VJ (G4ZVJ), V73CT (OKDXA), C9RJJ (W8GIO), 5R8AB (F6FNU), KG4DD (N5FTR), VP8CFM (GM0KLO) C9RDM (W8GIO), D2/F6BLQ (F6ELE), YX0AI (Finally, via YV5ARV).

Direct: HJ0VGJ (1 MO), 5N0ZKJ (3 WKS), HH2PK (2 WKS).

IOTA DXpeditioners Wanted

Bob Schmieder KK6EK, who put the Farallon Islands on the air for the first time ever earlier this year, is planning a return to Rocas Alijos XF in mid-February. This is another New One for IOTA. He seeks 5-6 additional persons to join the operation. About one week duration, leaving from San Diego, at a cost of about \$1,000. This is a unique opportunity to put a New One on the air for IOTA. Contact Bob at his office: 510-934-3635.

The DX Cookbook

The Southern New England DX Association has produced a 50-page, simply-bound notebook on DX and DXing. Chapters include using DX newsletters (by VP2ML!), using PacketCluster®, award hunting by K1BV, pile-up busting by OH2BH and N7NG, QSLing, and much more. Only \$5, postpaid, from the SNEDXA, c/o Aurum Computers, 5 Pond Park Road, Hingham MA 02043.

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA7FM, AH3C, CT1BOH, DXNL, JADXN, K0PP, K1HDO, K1VWL, K4BAI, K4GLU, K4II, K4IQJ, K4LNA, K6IR, K6LEB, K6MJ, K7EFB, K7EX, K7UOT, K8OQL, K9AU, K9EC, KA1MUY, KA7T, KC4WMU, KG4O, KK6EK, KS0M, KT7H, LNDX, N0ABA, N1NH, N1QY, N3NCW, N6RA, NI6T, NX1G, QRZ DX, VE1RJ, W0JRN, W0RXL, W1BFT, W1NH, W3FM, W3MFW, W4VQ, W4ZYT, W6AJJ, W6HF, W6JOX, W6MUS, W6UQF, W7AYY, W8CT, WB2DND, WB8ZRL, WB9Z, WO6R, WU6T, WX3N, and WS7W. Thanks a lot! -chod.

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.*

S	M	T	W	T	F	S
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

RTTY

9A1CRT	21088	1510	7	FL
CN8NP	28082	1200	31	FL
CT3CU	21085	1702	1	FL
CT3CU	14088	2335	3	CA
EA8ATE	14083	2218	1	FL
HV3SJ	21086	1511	7	FL
LY2ZZ	21083	1225	7	FL
TL8NG	21084	1716	7	FL
VP8CFM	14087	0020	3	FL
		South Orkneys		
YS/	21086	2232	2	FL
WD4IFN				
ZC4ST	21088	1214	7	FL
ZP5YW	14091	0145	2	FL

160 Meters

EA8PP	1848	0454	31	NH
FG5BG	1831	0227	31	NH
FK8CP	1838	0703	31	CA
HF0POL	1833	0211	2	CA
		South Shetlands		
KH6CC	1835	0520	31	KS
RA6AHA	1837	0129	31	NH
ZB2FK	1840	0131	31	NH

80 Meters

4L0FWW	3507	2149	31	PA
4W0FK	3507	0208	31	PA
5U7M	3501	2143	31	PA
6Y5RJ	3505	0236	1	PA
A22BW	3509	2220	31	PA
HF0POL	3509	0415	2	KS
		South Shetlands		
JA1HQT	3502	1055	29	NH
KH6CF	3501	1020	26	NH
S51QZ	3512	0240	7	IL
SV9BAI	3503	2257	29	NH
TJ1GG	3502	0426	28	IL
UA0XAO	3507	1050	29	NH
UA2FCB	3508	0120	7	IL
VR2/WX3N	3501	1416	1	CA

75 Meters

V73CT	3796	1114	3	VA
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40 Meters

3DA0BK	7011	0335	31	IA
3X0HNU	7007	2230	1	GA
4K2MAL	7002	1134	30	AL
7X2AB	7006	2253	28	NH
9J2BO	7003	0400	31	IA
9V1ZE	7006	1305	1	IA
BV4CT	7005	1522	29	ID
CU2AK	7016	0515	28	KS
HF0POL	7012	0045	23	MN
HJ0VGJ	7006	0033	6	FL
		San Andrés		
OD5/	7011	2240	1	GA
SP7LSE				

P29VZF	7007	1415	30	IA
TJ1GG	7003	2200	2	IA
TR8NSY	7006	0030	2	IA
UZ2FWA	7001	2338	31	FL
VK6LW *	7003	2240	31	IA
VP2MLD	7026	0131	5	CT
VP2VI	7009	0448	31	ID
VQ9RB	7003	1300	30	AL
VR2/WX3N	7005	1345	1	IA
YN/	7005	0120	30	GA
SM0OIG				
Z21CA	7009	0405	3	IA
Z21HS	7006	0345	28	AL
ZA1W	7005	2139	28	MD

30 Meters

3B8CFD	10105	0234	5	CT
4U1UN	10105	0244	31	CT
OD5/	10103	2145	24	SC
SP7LSE				
TZ6VV	10107	0725	31	CT
TZ6VV	10109	1000	24	SC
TZ6VV	10110	2042	29	NH
VK3IB *	10101	2025	28	SC
ZA1C	10105	2040	28	SC
ZD8LII	10105	2335	7	FL
ZS6QU	10104	0330	28	SC

20 Meter CW

3B8FQ	14008	0225	31	CA
4L0FWW	14030	1700	4	CA
5N0ZKJ	14015	1910	1	GA
5R8DF	14025	2355	7	IA
5R8DF *	14025	1210	28	MA
5Z4FM	14020	1840	2	MI
7P8SR	14037	0425	2	KS
7Q7XX	14002	0120	1	IL
9K2MU	14018	0150	25	CA
9V1XE	14019	1505	31	CA
A22BR	14019	2030	29	NH
C9RJJ	14007	0410	1	GA
FR5DD	14020	0236	1	ID
HC5AI	14012	0019	5	FL
HF0POL	14009	2315	1	MI
HS0ZAI	14009	2310	1	GA
JT1CS	14026	0108	1	IL
JT1CS	14035	1256	31	IL
JU830C	14024	0044	27	VA
JX7DFA	14012	1156	7	FL
PZ1DY	14025	0006	7	FL
S21A	14025	0139	26	IL
S21A	14025	1410	2	IA
TA3D	14013	0515	27	KS
TJ1GG	14034	0143	31	PA
UA0XAO	14025	2335	26	MI
UA8TAA	14015	0123	1	IL
UG6GG	14007	1527	29	ID
UI8AA	14015	0230	30	UT
UJ8JI	14003	1250	28	WV
UJ8JOW	14022	0255	30	ID
UL8LWA	14013	1312	27	MI
VK6HQ	14014	2242	28	NH
VP2EHH	14007	1815	3	MI

VP8GAV	14006	0113	30	CO
VQ9YA	14023	2234	2	FL
VU2HFR	14020	1320	27	MI
VU2RAK *	14024	0304	4	WA
VU2TEC	14004	0124	2	FL
XU2UN	14007	1717	18	WY
YN/	14005	2310	28	NH
SM0OIG				
ZA1BM	14025	1800	3	MI
ZS6MG	14016	2145	30	MI

5T5CJ	24907	1607	31	KS
7Q7XX	24900	1534	23	SC
9K2RC	24906	1335	7	FL
US1U	24896	1456	28	VA

12 Meter SSB

A71CH	24970	1239	26	AL
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10 Meter CW

3C1EA	28015	1603	31	KS
5N0ZKJ	28007	1514	7	FL
5Z4FM	28015	1917	1	GA
7P8SR	28030	1412	1	FL
7Q7CM	28012	1746	1	GA
7Q7XX	28009	1525	31	CA
9K2ZR	28026	1417	1	FL
A22SG	28046	1903	1	GA
EA9KD	28016	1749	26	CO
EA9QD	28037	1402	7	FL
FR5AI/G	28022	1220	30	NH
HC5AI	28011	1412	1	GA
HF0POL	28013	1550	23	CA
HV3JK	28016	1525	7	GA
J28FO	28027	1313	25	MA
KH3AE	28025	2135	1	GA
OD5/	28027	1306	31	VA
SP1MHV				

OD5/	28006	1408	7	FL

<tbl_r cells="5" ix="4

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Antarctica	KC4AAF		to Feb. 1	I659
Baker, Howland	KH1	/K9AJ	Jan. 26+	I662
Bangladesh	S2	S21A	14025± kHz	2200Z I661
Barbados	8P	8P9HT/Z	Nov. 24-Dec. 1	I661
Belize	V3	V31RO	Nov. 20-27	I663
Burkino Faso	XT	XT2BW	14211 kHz	21Z Sun.
Cayman Islands	ZF	ZF2QA/ZF8	Nov. 13-15	I660
Central Africa	TL	TL8NG	7026/0330Z	I661
Chad	TT	TT8OBO	Nov. 10-31	I662
Chatham Island	ZL7	ZL7AMO	Nov. 10-24	I663
China	BY	BY1BJ	CQWW CW	I657
Cocos-Keeling	VK9CB		2-3 months	I661
Croatia	9A	ON5AI/	to May 1993	I661
Dodecanese	SV5	SV5TS	Nov. 20-30	I662
Eastern Kiribati	T32	T32VU	Nov. 23+	I662
		T32BI	Nov. 25-29	I662
Fiji	3D	3D2UF	Nov. 22-25	I660
		3D2s	XO IO QD Dec. 2-4	I661
French Polynesia	FO/	F6HWU	Oct. 16-Nov 16	I657
Gambia	C56/	Fs	Nov. 15-29	I663
Glorioso	FR/G	FR5AI/G	Oct. 15-Nov.30	I659
Hong Kong	VR2/	WX3N	to Nov. 30	I663
		F6FYA	Nov. 20-28	I663
Isle of Man	GD	GD4UOL	Nov. 20-Dec. 5	I661
Jordan	JY	JY8VJ	Nov. 21-Dec. 6	I662
Lord Howe Island		VK9LD	Nov. 18-25	I663
Maldives	8Q	8Q?	Nov. 30-Dec. 7	I663
Midway Island	KH4	KD7P/	late Nov.	I663
Minami Torishima		JA9IPX/JD1	to Jan. 14	I659
New Caledonia	FK/	Ys	December	I661
Norfolk Island		VK9NY	mid-Nov.	I663
Puerto Rico	KP4	WJ2O/	Nov. 18-Dec. 2	I661
Rwanda	9X	9X5AB	now active	I662
St. Martin	FS	FS/AI7B	CQWW CW	I657
		FS/N3NCW	Nov. 16-26	I663
Seychelles	S7	S79S	Nov. 24+	I663
Singapore	9V	9V1XE	to Dec. 31	I659
		9V1YU	15M 15-1700Z	I661
Solomon Islands	H44	XO IO	Nov. 23-Dec. 1	I661
South Cooks	ZK	ZK1IF	Nov. 15-18	I660
South Georgia	VP8	VP8CGK	14050 kHz	18Z I661
Trindade	PY0	PT0TSN	to Dec. 5	I660
Turks & Caicos	VP5/	WB8GEX	Nov. 21-28	I662
Uganda	5X	5X5WR	late Nov.	I657
Vietnam	XV	XV7TH	21295 1300Z	I656
Wallis Island	FW	FW/Ys	Dec. 5-15	I661

Operating Events and DX Gatherings

Dates	Event	Reference:
Nov. 13-15	Japan International DX SSB	<u>DX Mag</u> Nov.
Nov. 14-15	Worked All Europe RTTY	<u>CQ</u>
Nov. 28-29	CQWW CW Contest	<u>CQ</u>
Dec. 4-6	ARRL 160-Meter Contest	<u>QST</u>
Dec. 12-13	ARRL 10-Meter Contest	<u>QST</u>

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Antarctica	VP8GAV	14006	0115Z
Bangladesh	S21A	14025	0100Z
Cameroon	TJ1GG	28027	1400Z
Cameroon	TJ1GG	7003	0300Z
Cameroon	TJ1GG	14031	0145-04Z
Cameroon	TJ1GG	3503	0430Z
Crete	SV9BAI	3504	2300Z
Djibouti	J28FO	28026	1300Z
Equatorial Guinea	3C1EA	10M CW	1600Z
Glorioso	FR5AI/G	28022	1230Z
Hawaii	KH6CF	3502±	1020Z
Hong Kong	VR2/WX3N	21025±	00-0100Z
Lesotho	7P8SR	28029	1400Z
Madagascar	5R8DF	14025	00-0130Z
Malawi	7Q7XX	28009	1530Z



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<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Marshall Islands	V73CT	28440	0015Z
Mongolia	JT1CS	14025	0100Z
Mozambique	C9RJJ	28500±	1530Z
Nigeria	5N0ZKJ	28009±	1500Z
Reunion Island	FR5DD	14022	0230Z
Rwanda	9X5HG	21030±	1240Z
South Shetlands	HF0POL	7012	01-0530Z
South Africa	ZS6QU	10104	0330Z
South Africa	ZS6MG	14017	2200Z
Suriname	PZ1DY	14027±	0000Z
Tajikistan	UJ8JOW	14023	0300Z
Zimbabwe	Z21HS	7006	0345Z